

PERMIT NO. HI 0020796

**AUTHORIZATION TO DISCHARGE UNDER THE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM**

In compliance with the provisions of the Clean Water Act, as amended, (33 U.S.C. 1251 et. seq.; the "Act") Hawaii Revised Statutes, and Hawaii Administrative Rules, Chapters 11-54 and 11-55, Department of Health (DOH), State of Hawaii,

AMERON HAWAII

(hereinafter "PERMITTEE"),

is authorized to discharge process waste waters and storm water from its settling and containment ponds of Ameron Hawaii Kapaa Quarry located at Kapaa Quarry Access Road, Kailua, Hawaii 96734

to the receiving water named Kapa'a Stream through Outfall Serial No. 002 at coordinates: Latitude 21°23'35"N; Longitude 157°46'45"W and Outfall Serial No. 003 at coordinates: Latitude 21°23'37"N and Longitude 157°46'43"W.

in accordance with the effluent limitations, monitoring requirements and other conditions set forth herein, and in the attached DOH, "Standard NPDES Permit Conditions," dated December 30, 2005.

All references to Title 40 of the Code of Federal Regulations (40 CFR) are to regulations that are in effect on July 1, 2004, except as otherwise specified. Unless otherwise specified herein, all terms are defined as provided in the applicable regulations in 40 CFR.

This permit will become effective on **(30 days after issuance date)**.

This permit and the authorization to discharge will expire at midnight March 31, 2010.

Signed this ____ day of _____, 2006.

(For) Director of Health

**Public Notice
March 31, 2006**

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STANDARD NPDES PERMIT CONDITIONS (updated December 30, 2005)

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. During the period beginning with the effective date of this permit and lasting through **March 31, 2010**, the Permittee shall design, construct, and maintain a facility to contain or treat the volume of process generated waste waters and storm water which would result from a 10-year, 24-hour rainfall event. The facility shall contain the waste waters and storm water when the rain gage station at the plant measures less than 10 inches quantity of rainfall.
2. As a result of an overflow from the facility when the rain gage station at the plant measures equal to or greater than 10 inches quantity of rainfall, the Permittee is authorized to discharge process generated waste waters and storm water through its Outfall Serial Nos. 002 and 003. The effluent discharged from Kapaa Quarry shall be limited to and monitored by the Permittee as specified below:

Parameter	Discharge Limitations	Units	Minimum Monitoring Requirements	
	Daily Maximum		Measurement Frequency	Sample Type
Flow	Report Only	m ³ /sec MGD	Once/Discharge	Estimate
Total Suspended Solids	80.0	mg/L	Once/Discharge	Composite ¹
Settleable Solids	0.2	ml/L	Once/Discharge	Composite ¹
Turbidity	25.0	N.T.U.	Once/Discharge	Composite ¹
Oil and Grease	15	mg/L	Once/Discharge	Grab ²
pH	6.0-8.0	Standard Unit	Once/Discharge	Grab ³

m³/sec = cubic meters per second
 MGD = million gallons per day
 mg/L = milligrams per liter
 ml/L = milliliters per liter
 N.T.U. = nephelometric turbidity units

¹ - The Permittee shall collect samples for analysis during the first 15 minutes of the discharge and at 15-minute intervals thereafter for the duration of the discharge. If the discharge lasts for over an hour, the Permittee may cease sample collection.

For this permit, if the duration of discharge is less than 30 minutes, the sample collected during the first 15

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minutes of discharge shall be analyzed as a composite sample. If the duration of discharge is greater than 30 minutes, the Permittee shall analyze two (2) or more sample aliquots as a composite sample.

The composite sample shall be flow proportional; either the time interval between each aliquot or the volume of each aliquot shall be proportional to the total storm water discharge flow since the collection of the previous aliquot. Composite samples represent the average characteristics of the storm water discharge during the compositing period.

- ² - The Permittee shall measure oil and grease using EPA Method 1664, Revision A.
- ³ - The pH shall be tested within 15 minutes of obtaining the grab sample. "Grab sample" means an individual sample collected at a randomly-selected time over a period not exceeding 15 minutes and is representative of conditions at the time the sample is collected. The sample volume depends on the type and number of analyses to be performed.
3. The Permittee shall establish, operate, and maintain a gage station at the facility and record rainfall on a daily basis. A standard rain gage shall be used.
4. The Permittee shall orally report any discharge within one (1) week from the time the Permittee becomes aware of the circumstances. Oral reports should be made to the Clean Water Branch (CWB) at 586-4309.
5. The Permittee shall keep a record of the following:
 - a. The description and cause of the discharge;
 - b. The date, time, and the duration of the discharge;
 - c. Action(s) taken to reduce, eliminate, or prevent reoccurrence of any discharge that does not meet the requirements of Part A. of this permit; and
 - d. The rainfall in inches per day for each day which contributed to or caused the discharge.
6. Samples taken in compliance with the effluent monitoring requirements shall be taken at the following locations: Outfall Serial Nos. 002 and 003 after the last pond and prior to entering the Kapaa Stream. Samples shall be taken in the first 15 minutes of the discharge.
7. There shall be no discharge of floating solids or visible foam.
8. The Permittee shall visually inspect the discharge effluent to ensure that there is no visible oil sheen in the discharge.
9. The discharge shall not cause odors at the surface of the receiving waters.

10. The reporting period shall be quarterly. If the facility experiences no discharge, the Discharge Monitoring Report shall so state.
11. Other Monitoring Requirements
 - a. Representative Sampling - Samples and measurements taken for the purposes of monitoring shall be representative of the volume and nature of the monitored activity.
 - b. Monitoring Procedures - Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit.
12. The Permittee shall continue the implementation of the Best Management Practices (BMPs) Plan, dated December 15, 2000, until the BMPs Plan as specified in Part C.1.b. of this permit is approved by the Director of Health (Director). The Permittee shall implement the BMPs Plan after the BMPs plan is approved by the Director.
13. The Permittee shall review and update the effectiveness and adequacy of the implemented BMPs Plan as often as necessary. Any change(s) to the BMPs Plan or correction(s) to information already on file with DOH shall be submitted to the CWB as such change(s) or correction(s) arises.

B. REPORTING REQUIREMENTS

1. Reporting of Monitoring Results

Monitoring results obtained during the previous quarterly monitoring period shall be summarized and reported on a Discharge Monitoring Report Form (EPA No. 3320-1). The results of all monitoring required by this permit shall be submitted in such a format to allow direct comparison with the limitations and requirements of this permit.

Monitoring reports shall be postmarked no later than the 28th day of the month following the completed reporting period. Duplicate signed copies of these, and all other reports required herein, shall be submitted to the Regional administrator and the Director at the following addresses:

Regional Administrator
U.S. Environmental Protection Agency, Region 9
Water Division
CWA Compliance Office (WTR-7)
75 Hawthorne Street
San Francisco, CA 94105

Director of Health
State of Hawaii
Department of Health
Environmental Management Division
Clean Water Branch
919 Ala Moana Boulevard, Room 301
Honolulu, Hawaii 96814-4920

2. Reporting of Noncompliance

The Permittee shall orally report any noncompliance which may endanger health or the environment within 24 hours of the incident or condition of noncompliance. Oral report shall be made by telephone to the CWB at 586-4309 during regular office hours or the Hawaii State Hospital Operator at 241-2191 outside of regular office hours.

C. OTHER REQUIREMENTS

1. Schedule of Submission

- a. The Permittee shall submit an Effluent Monitoring Program which complies with Part A of this permit to the Director for approval within 30 days from the issuance date of this permit.

The Effluent Monitoring Program(s) shall include at a minimum, but not be limited to, the following:

- (1) Sampling station location map;
- (2) Sample holding time;
- (3) Preservation techniques;
- (4) Test method and method detection limit; and
- (5) Quality assurance and quality control measures.

The DOH reserves the right to require the Permittee to revise the approved Effluent Monitoring Program(s), as appropriate, pursuant toward compliance with the terms and conditions of this permit.

The Permittee shall use the test methods promulgated in 40 CFR Part 136 effective on July 1, 1998, and, when applicable, the chemical methodology for sea water analyses (see Hawaii Administrative Rules, Chapter 11-54-10). The detection limits of the test methods used shall be equal to or lower than the permit limitation. For situations where the applicable water quality standard is below the detection limits of the available test methods, the test method which has the detection limit closest to the applicable water quality standards shall be used. If a test method has not been promulgated for a particular constituent, the Permittee may use any suitable alternative method for measuring the level of the constituent in the discharge provided the Permittee submit a description of the method or a reference to a published method for approval by the director in accordance with 40 CFR Part 136.4.

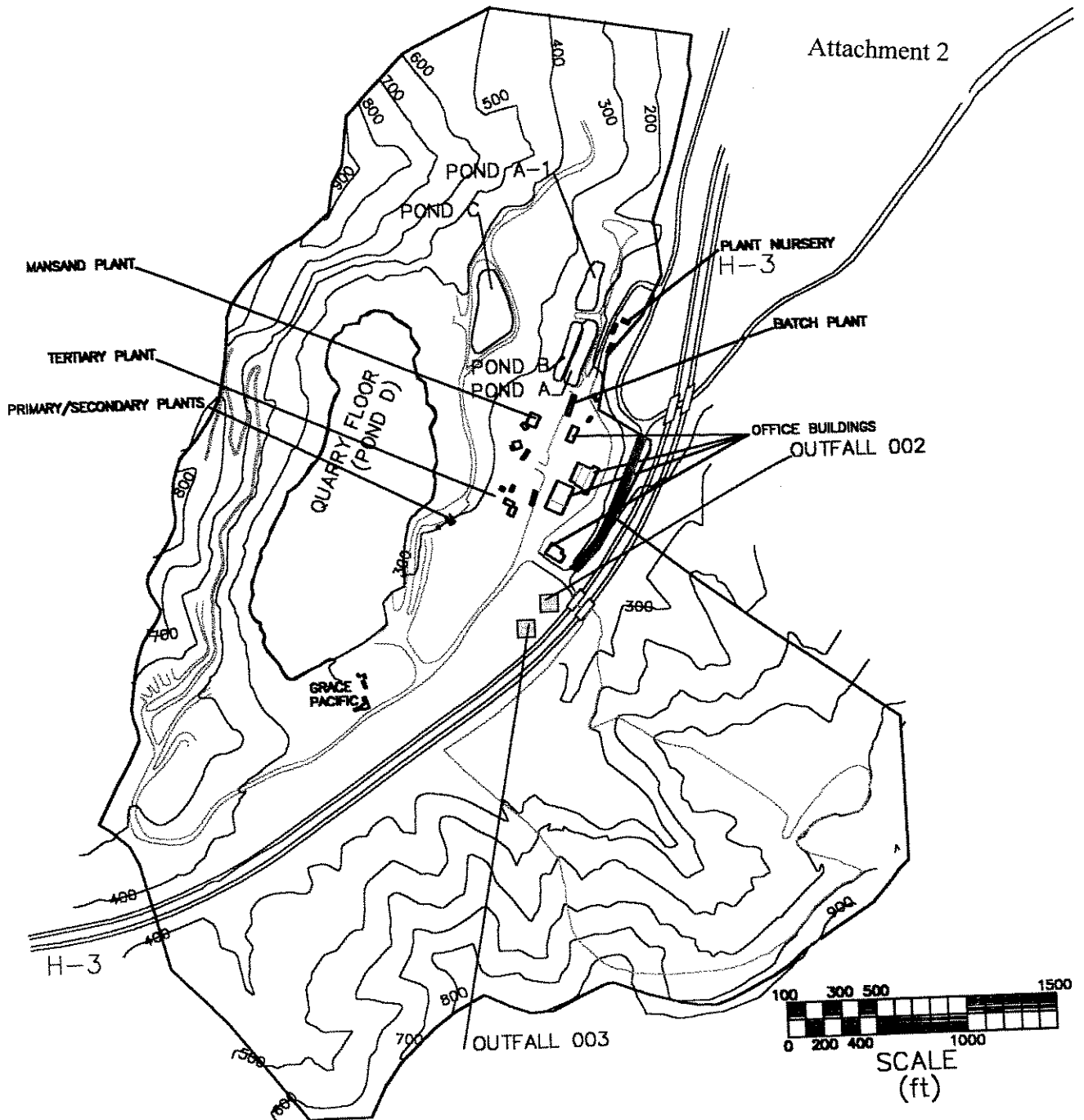
- b. The Permittee shall submit a BMPs Plan to the Director for approval within 30 days from the permit issuance date. The BMPs Plan shall address all specific means of controlling the discharge of pollutants from the Kapaa Quarry. The BMPs Plan shall be implemented upon approval by the Director.

2. Schedule of Maintenance

The Permittee shall submit a schedule for approval by the Director at least 14 days prior to any maintenance of the facility which the Permittee determines may result in effluent limitations being exceeded. The schedule shall contain a description of the maintenance and its purpose; the period of maintenance, including exact dates and times; and steps taken or planned to reduce, eliminate, and prevent occurrence of non-compliance.

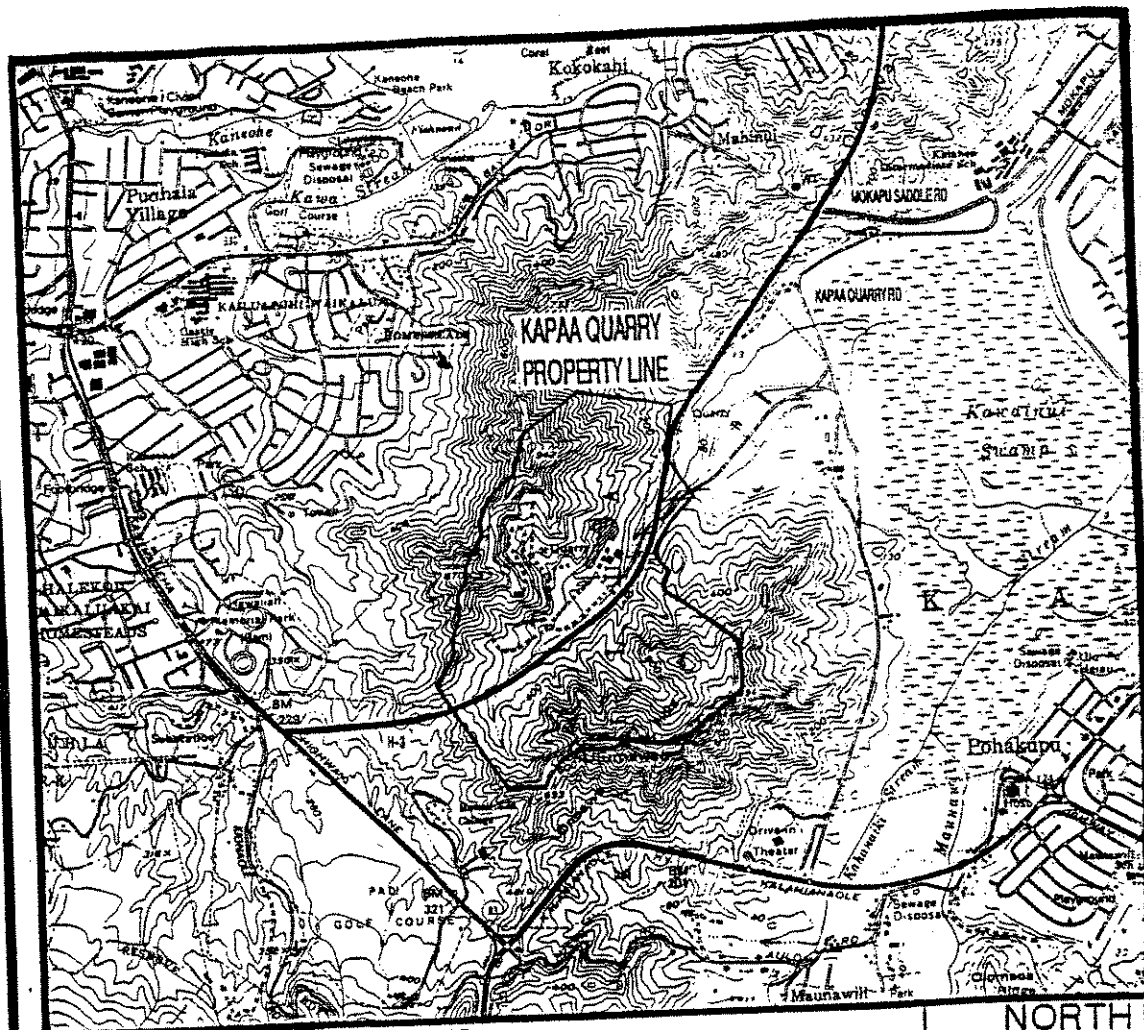
D. LOCATION MAP

See attachments 1 and 2



GENERAL SITE PLAN AMERON HAWAII KAPAA QUARRY KAILUA, OAHU

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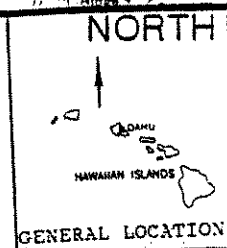


SCALE

1 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 5 10 KILOMETER

CONTOUR INTERVAL 40 FEET
DOTTED LINES REPRESENT 20-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL
INFORMATION BASED UPON 1983 USGS TOPOGRAPHIC MAPS



Ameron HAWAII
LOCATION MAP
KAPAA QUARRY
KAILUA, OAHU

Attachment 1